

<b>INFORMATION DISCLOSURE STATEMENT</b>	Case Name.	W.F. Eckl 7-19-2
	Serial No.	
	Applicant:	W.F. Eckl, et al.
	Filing Date:	
	Group:	

**U.S. PATENT DOCUMENTS**

*Examiner Initial		Docum nt Number	Dat	Name	Class	Subclass	Filing Date
	AA	6,232,847 B1	5/15/2001	Marcy, 5 <sup>th</sup> et al.	331	167	5/28/1998
	AB	6,310,419 B1	10/30/2001	Wood	310	306	4/5/2000
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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation
	AE	DE 100 53 216 A1	5/16/2002	Germany	H 03 B 5	02	No

**OTHER (including Author, Title, Date, Pertinent Pages, etc.)**


\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>

**\*Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant



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Zweigstelle  
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abteilung

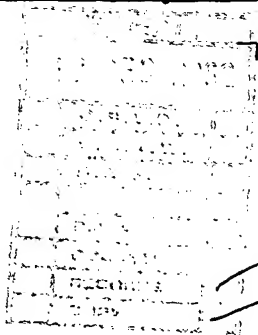
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"THIS COPY FOR LUCENT"

Margaret Walton

Datum/Date

16.12.02

Zeichen/Ref./Réf. W.F.ECKL 7-19-2	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 02254999.2-2215-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire LUCENT TECHNOLOGIES INC.	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

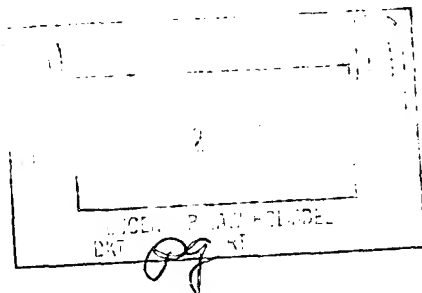
The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: NONE



## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 6 232 847 B1 (CHANG MAU CHUNG F ET AL) 15 May 2001 (2001-05-15) * column 12, line 31 - line 55; figures 1A,1B,8A,8B,9 *	1-10	H03J3/18 H03B5/12
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A	US 6 310 419 B1 (WOOD ROBERT L) 30 October 2001 (2001-10-30)		
A	US 5 880 921 A (CHANG MAU CHUNG F ET AL) 9 March 1999 (1999-03-09) * column 3, line 5 - line 46 *		
A	US 5 959 516 A (CHANG MAU CHUNG F ET AL) 28 September 1999 (1999-09-28)		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H03J H03B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 6 December 2002	Examiner Peeters, M
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 25 4999

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

06-12-2002

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